

ABSTRACT OF THE DISCLOSURE

A stationary arranged sensor (4) is provided in the region of one of the dead centers of the piston movement to monitor the position of the path of motion of a piston (1) relative to a cylinder (2) whereby the sensor (4) measures the lateral distance (a) to an indicator unit (6) arranged on the piston (1). The sensor (4) is arranged in a recessed position relative to the inner surface of the cylinder (2) and is sealed toward the cylinder chamber (9) by means of a cover (8), and the indicator unit (6) on the piston (1) is designed as an anomaly (10) that is non-sensitive to contaminating deposits in the area of the face (11) of the piston (1).

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